


WAGON TYPE	COMMODITY
YWA Salmon YKA Osprey KFA (GBRf)	New Track Panels in Association with S&C Instalments. Stub End Panels
<p>Carrying Capacity: Each Wagon has a carrying capacity:- see individual wagon details Tare Weight:- see individual wagon details Gross Laden weight:- see individual wagon details For exact loading limits see individual wagon on TOPS.</p> <p>Approximate Panel Weights at 28 sleepers per 18.3 m (60 ft) panel. Wood – 4 t Jarrah – 7 t Concrete – 10 t (G44 type 11 t)</p>	
<p>Loading Position: Only NEW panels may be loaded. Providing the bottom panel is 13.7 m (45 ft) or longer then panels may be loaded up to 3 tiers high centrally along the length of the wagon. The longer length panels shall be loaded on the bottom with shorter length panels loaded centrally on top in a pyramid formation. If the length of the panel forming the bottom tier is less than 13.7 m (45 ft) then this panel has to be loaded on its own centrally on the wagon. It is permitted to load 9.1 m (30 ft) panels end to end. Stacks of other multiple short length panels are not permitted due to uneven weight distribution.</p>	
	
<p>Panels loaded centrally 3 high – bottom panel is longer than 13.7 m (45 ft)</p> <p>Maximum permitted panel length is 18.3 m (60 ft) and the minimum panel length is 9.1m (30 ft) with a permitted tolerance of up to one sleeper width. Panels shorter than 30' shall be dismantled and conveyed separately in sided wagons.</p>	

Mixed loads of concrete and wooden panels are permitted providing that the wooden panels are loaded on the top.

It is permitted for panels in association with S&C to have 2 sleepers fitted together at the panel ends that can be different from the rest of the sleepers in use on the panel.

Sleepers may overhang the wagon sides by a maximum of:

Wagon Type	Overhang
Salmon/Osprey	150 mm
KFA	300 mm

Sleepers that exceed the above overhangs will be required to be removed or cut back.

Track panels may overhang the wagon headstock by up to 300 mm with rail only. The end sleepers shall always be fully supported either by the wagon floor or by the rail of a panel below.

Stub End Panels:

Certain panels are constructed that contain very short sleeper bearers and only one rail, these are known as 'Stub' panels.

Stub panels are to be loaded centrally across and along the wagon.

Stub panels may only be loaded in a single tier.

Maximum length of stub panel is 18.3 m (60') minimum length of stub panel is 9.1 m (30')

Short length 9.1 m (30 ft) stub panels may be loaded end to end along a wagon.

Stub panels shall be additionally strangle wrap strapped at each end of the panel.



Stub panel loaded centrally.

Stanchions: N/A

Bolsters: N/A

Dunnage: N/A

Unsecured Loads: Not Permitted

Securing Equipment:

Panel Length	Wagon winch straps	Mix of hand ratchet straps/winch straps
Up to 60'	6	7
Up to 50'	5	6
Up to 40'	4	5
30'	3	4

Direct throw over straps are to be placed equally along the panel length.
Stub end panels shall be additionally secured at each end with strangle wrap straps.
A strap shall be placed within the first 4 sleepers at each panel end.



Multiple end straps used due to various panel ends.

Straps are 7 m long and fitted with a 3 m stitched in wear sleeve.

If a wagon winch is found to be defective then hand ratchet tensioners can be used in place of defective cargo winch.

When tightening cargo winches tighten the winch on both sides so that there is an equal 'pull' down on both sides of load.

The load shall be supported both sides of the strap positions, consequently, it is not permissible to place straps between the rail ends and the first sleeper.

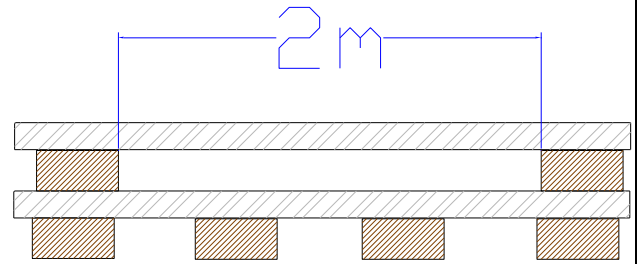
Where straps go around sharp edges, suitable strap sleeve protection shall be used.
Do not place straps over sleeper ends.

All unused securing equipment shall be either secured across the bed of the wagon or coiled up neatly and placed in the equipment box.

Voids: The maximum permitted unsupported rail span is 2 sleepers missing or no more than 2 m.

Certain panels are constructed that have a mixture of different sleeper types - unsupported sleepers are permitted providing the sleepers are securely attached to the rails.

A 2 m unsupported rail end span is permitted providing it is on the top tier only.



The sleepers shall always be firmly attached to the base plates / rail.

Unsupported spans on the wagon floor are permitted up to 4 m providing the distance from the wagon floor to the bottom of the unsupported sleeper does not exceed 30 mm.

Doors/Sides: N/A

Special Equipment: N/A

Competency Level: Load Examiner

Safety: WEAR P.P.E. AT ALL TIMES

Check prior to loading that wagon floors are free from loose material and any previously used dunnage.

Check panels are clear of ballast and any other loose items that could fall from the loads.

Check bonding wires are removed or tied back.

Loose rails or S&C iron work on or within track panels are not permitted.

NEW TRACK PANELS ON A SALMON WAGON

